

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A high dielectric constant composite material having a dielectric constant of 15 or above in the frequency region of from 100 MHz to 40 GHz, comprising:

an organic resin and, dispersed therein, an inorganic filler, wherein

~~the inorganic filler contains as its essential component a~~ comprises a composite filler comprising a core metal powder particle having an average particle size of 5 μ m or less or a core agglomerate of metal powder particles having an average agglomerate size of 5 μ m or less;
~~subjected to an insulation treatment and~~

an insulating film covering the core; and

~~each component of the inorganic filler containing the metal powder has an average particle size of 5 μ m or less; and~~

a surface treatment film covering the insulating film, which is the surface treatment film
being chemically bonded with the metal powder and the organic resin, on a surface of the
insulation treated metal powder of the inorganic filler to the insulating film and the organic resin.

2. (Currently Amended) A high dielectric constant composite material according to ~~Claim~~ claim 1, wherein the composite material has a dielectric loss tangent in the frequency region of from 100 MHz to 80 GHz of 0.1 or less.

3. (Canceled)

4. (Canceled)

5. (Currently Amended) A high dielectric constant composite material according to claim 1, wherein the ~~metal powder has~~ core of the composite filler further comprises a metallic covering layer on the surface thereof with a thickness of 1000 to 1 nm, ~~and a metal for covering~~ being at least one member wherein the metallic covering layer comprises at least one metal selected from the group consisting of Cr, Cd, Zn, Mn and Fe.

6. (Canceled)

7. (Currently Amended) A high dielectric constant composite material according to ~~Claim~~ claim 1, wherein said ~~insulation treatment is a~~ insulating layer is provided by chemical treatment using an inorganic salt.

8. (Currently Amended) A high dielectric constant composite material according to ~~Claim~~ claim 1, wherein the inorganic filler ~~[[uses]]~~ further comprises a metal oxide ~~together~~ mixed with the ~~metal powder~~ composite filler.

9. (Currently Amended) A high dielectric constant composite material according to ~~Claim~~ claim 1, wherein said metal powder is a powder of an element of Group 1B, 2B, 3B, 4B, 5B, 6B, 7B, 8, 2A, 3A, 4A or 5A (excluding boron, carbon, nitrogen, phosphorus and arsenic) or an alloy thereof.

10. (Currently Amended) A high dielectric constant composite material according to ~~Claim~~ claim 7, wherein said metal powder is powder of Al, Mn, Si, Mg, Cr, Nb, Ni, Mo, Cu, Fe, W, Zn, Sn, Pb, Ag, Ti, Zr, Ta, Pt, Sb or an alloy thereof.

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Claims 11-12 (Canceled)